

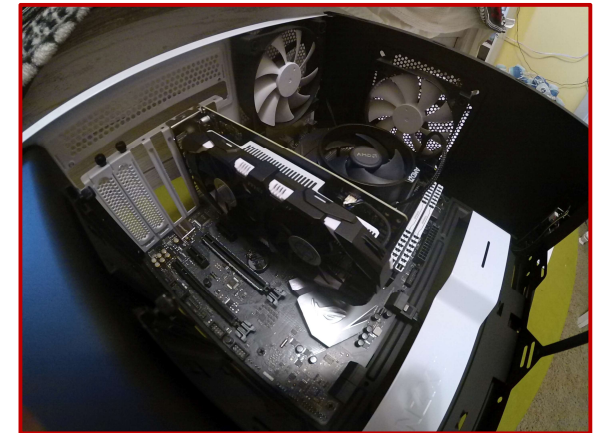
Designing and Building a Computer

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Category: Artistic/Creative Endeavors
STEP Faculty Mentor: Ola Ahlqvist
Major: Environmental Engineering



Project Description

I designed and built my own desktop computer and used this experience to create a series of instructional videos.



Motivation

- Explore an interest not related to my major.
- Develop technological knowledge that enhances my skill set.
- Hone decision making and problem solving skills.



A Transformational Experience

- I have a new-found appreciation for technology.
- My sense of “ownership” in regards to my electronics has increased.
- I have a new technical project that is beneficial to discuss when networking and at job interviews.

Specs

CPU: AMD Ryzen 1600
Motherboard: ASUS ROG STRIX B350-F
Memory: Corsair Vengeance LPX 16 GB
Storage: Western Digital Blue 1 TB HD

Video Card: MSI GeForce GTX 1050Ti
Case: NZXT S340 ATX Mid Tower
Power Supply: Seasonic Bronze 620W Modular
Monitor: ViewSonic XG2402 24"



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Second-year Transformational
Experience Program